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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Richard Van Court Carr, et al..

FILING DATE

GROUP

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAM- INER	T -		DOCU	MENT	NUMBE	R		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO-PRIATE
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Jul	6	4	0	6	8	2	8	6/18/2002	C. R. Szmanda, et al.	430	2/0.1	2/24/2000

FOREIGN PATENT DOCUMENTS TRANSLATIO CLASS SUBCLASS COUNTRY DOCUMENT NUMBER YES · NO -X Japan (Abstract) "9" 603F 7/00 Х W wo World 3 5 9 0 2 X 603F Europe 71039 8 **XXXY** EP 1 0 3 5 6 1 $\overline{\mathbf{x}}$ GOSF 7/ 039 3 2 2 Europe 2 6 X 603F World 7/039 2 WO 0 0 7 7 1 X World G163E 004 7 2 WO 0 0 6 7 0 $\overline{\mathbf{x}}$ 7/00 G03F 6 2 World WO 3 3 0 1 6 X 214/00 World 108T= WO 8 5 8 1 1 0 1 7/004 X World G103F WO 0 2 2 2 1 2 X 7/004 World wo 2 2 2 3 <u>6,73</u>E 0 7/004 X World WO 2 2 2 1 4 603F 0 X 7/039 World 603F WO 2 2 2 6 0

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Hiroshi Ito, et al., "Synthesis and Evaluation of Alicyclic Backbone Polymers for 193 nm Lithography", American Chemical Society, 1998. Hiroshi Ito, et al., "Aliphatic Platforms for the Design of 157 nm Chemically Amplified Resists", SPIE Proceedings, Vol. 4690 (2002), 18-28. M. M. Dhingra, et al., Polymerization of 1,1,1Trifluoroacetone with Aliphatic Secondary Amines. A Proton and Fluorine Magnetic Resonance Investigation, Organic Magnetic Resonance, Vol. 9, No. 1 (1977), pp. 23-28. H. E. Simmons, et al., "Fluoroketones" The Central Research Department Station, E. I. du Pont de Nemours and Co., Vol. 82 (1959), pp. 2288-2296. E. T. McBee, et al., "The Chemistry of 1,1,1-Trifluoropropanone. II. The Reactions of 4-Methyl-1,1,1,-5,5,5-hexafluoro-3penten-2-one with Methyimagnesium lodide," The Department of Chemistry, Purdue University (1956), pp. 4597-4598. A. L. Henne, et al., "Trifluoromethylated Butadienes," The Department of Chemistry at The Ohio State University (1954), pp. 5147-5148. K. J. Pryzbilla, et al., 'Hexafluoroacetone in Resist Chemistry: A Versatile New Concept for Materials for Deep UV Lithography," SPIE Advances in Resist Chemistry and Process IX Vol. 1672 (1992). M. K. Crawford, et al., 'New Materials for 157 mn Photoresists: Characterization and Properties,' SPIE Advances in Resist Chemistry and Processing IX Vol. 3999 (2000) R. R. Dammel, et al., "New Resin Systems for 157 nm Lithography," Journal of Photopolymer Science and Technology, Vol. H. Ito, et al., "Development of 157 nm Positive Resists," J. Vac. Sci. Technol. B 19(6) (2001). H. Ito, "Dissolution Behavior of Chemically Amplified Resist Polymers for 248-, 193-, and 157-nm Lithography," J. Res. & Dev. Vol. 45 No. 5 (2001). S. Cho, et al., "Investigation of a Fluorinated ESCAP based resist for 157 nm Lithography," (2001). K. Patterson, et al., 'The Challenges in Materials Design for 157 nm Photoresists,' Lithography, Solid State Technology, pp. 41-48 (2000).

EXAMINER R. Very DATE CONSIDERED 4/15/06

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (08-03)

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\				Application Number	10/784,377			
INF	FORMAT	TON DISC	LOSURE	Filing Date	February 23, 2004			
ST		NT BY APP		First Named Inventor	Richard Van Court Carr, et al.			
	(Use as mai	ny sheets as nec	essary)	Art Unit	1752			
				Examiner Name				
Sheet	1	of	1	Attorney Docket Number	06425ZP USA			

			U. S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or
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FOREIGN PATENT DOCUMENTS								
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		Country Code ³ Number ⁴ Kind Code ⁵ (7			Relevant Figures Appear	T⁵		
W		JP2004107277A (Abstract Also Included)	04-08-2004	Takashi, et al.		✓		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/784,377					
Filing Date	02/23/2004					
First Named Inventor	Richard Van Court Carr, et al.					
Art Unit	1752					
Examiner Name						
Attorney Docket Number	06425ZP USA					

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